(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



1 CONTRACTOR DE CONTRACTOR

(43) International Publication Date 23 December 2004 (23.12.2004)

PCT

(10) International Publication Number WO 2004/111070 A1

Ottmar, Franz [DE/CH]; Syngenta Crop Protection AG,

(51) International Patent Classification⁷: A61K 31/70, A61P 33/00

C07H 17/08,

(21) International Application Number:

PCT/EP2004/006442

(22) International Filing Date:

15 June 2004 (15.06.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0313937.5

16 June 2003 (16.06.2003) GB

(71) Applicant (for all designated States except US): SYN-GENTA PARTICIPATIONS AG [CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): PITTERNA, Thomas [AT/CH]; Syngenta Crop. Protection AG, Schwarzwaldallee 215, CH-4058 Basel (CH). JUNG, Pierre [FR/CH]; Syngenta Crop Protection AG, Schwarzwaldallee 215, CH-4058 Basel (CH). MURPHY KESSABI, Fiona [IE/CH]; Syngenta Corp. Protection AG, Schwarzwaldallee 215, CH-4058 Basel (CH). CASSAYRE, Jérôme [FR/CH]; Syngenta Corp. Protection AG, Schwarzwaldallee 215, CH-4058 Basel (CH). QUARANTA, Laura [IT/CH]; Syngenta Crop. Protection AG, Schwarzwaldallee 215, CH-4058 Basel (CH). HUETER,

(74) Common Representative: SYNGENTA PARTICIPA-

Schwarzwaldallee 215, CH-4058 Basel (CH).

TIONS AG; P.O. Box, CH-4002 Basel (CH).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,

TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

ZW.

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: AVERMECTIN B1 MONOSACCHARIDE DERIVATIVES

$$R_3 \longrightarrow R_2$$

$$O = S$$

(57) Abstract: A compound of formula (I) wherein the bond between carbon atoms 22 and 23 may be a single or a double bond; R_1 is C_1 - C_{12} alkyl, C₃-C₈cycloalkyl, or C₂-C₁₂alkenyl; R₂ and R₃ are, for example, independently of each other hydrogen, C_1 - C_{12} alkyl, C₃-C₁₂cycloalkyl, C2-C12alkenyl, C2-C12alkynyl, aryl or heteroaryl; and, where applicable, to E/Z isomers, mixtures of E/Z isomers, diastereomers and/or tautomers, in each case in free form or in salt form; pesticidal compositions in which the active ingredient has been selected from those compounds and their tautomers; and a method of controlling pests using those compositions are described.

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